

Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

BULLETIN

— of the —

COOPER ORNITHOLOGICAL CLUB.

OF CALIFORNIA.

A BI-MONTHLY MAGAZINE OF PACIFIC COAST ORNITHOLOGY.

Volume One, 1899.

PUBLISHED BY —



Copyright 1899.

Santa Clara, California.

ACCIPITER cooperi, 44, 91. velox, 44, 91.

Adams, E., a day with the raptores, 21: House Finches again, 24; persistent nesting of the Anna's Hummingbird, 28; Western Evening Grosbeak in Santa Clara Co, Cal., 31.

Æchmophorus occidentalis, 90.

Ægialitis nivosa, 94. vocifera, 91.

Aeronautes melanoleucus, 43.

Æstrelata scalaris, 99.

Ætodrormas cooperi, 2.

Agelaius phœniceus, 95.

phœniceus longirostris, 92.

Alcedo inspida bengalensis, 46.

Ammodramus beldingi, 73.

caudacutus becki, 77.

rostratus guttatus, 92.

sandwichensis alaudinus, 92. sandwichensis bryanti, 87.

Amphispiza belli cinerea, 93.

Anas boschas, 90.

carolinensis, 90.

penelope, 90.

Anthony, A. W. a night at sea, 101.

Anthus pensilvanicus, 93.

Aphelocoma californica, 42.

Aquila chrysætos, q1.

Ardea herodias, q1.

virescens, 91.

Arenaria interpres, 94.

Asio accipitrinus, 92.

Astragalinus lawrencei, 42, 45, 92.

psaltria, 42, 45.

Atkinson, W. L., notes on Audubon's Warbler and the individuality of eggs, 29; capture of a rabbit by a Golden Eagle, 50; Band-tailed Pigeon nesting in Santa Clara Co., Cal., 57; nesting of the California Cuckoo, 95.

Atthis morcomi, 99.

Auklet, Cassin's, 85, 102.

Rhinoceros, 17.

Auriparus flaviceps, 93.

Aythya affinis, 90.

collaris, 90.

BARLOW, C., William S. Cobleigh, 12; prominent Californian ornithologists, W. Otto Emerson, 20; early Hummingbirds' nesting, 24; is the unlimited collecting of birds in breeding season justified? 47. another chapter on the nesting of Dendroica occidentalis and other Sierra notes, 59; prominent Californian ornithologists, Rollo H. Beck, 77; the nesting of the Black-throated Gray Warbler, 96.

Beck, R. H., nesting of the Santa Cruz Jay, 6; additional notes on the birds of Santa Cruz Island, 85; notes on the Black Swift in Monterey Co., Cal., 94.

Beck, Rollo H., a sketch of, 77.

Belding, L., nesting of Hylocichla aonala-schkæ auduboni in the Sierra Nevadas,

21; Hylocichla ustulata ædica in the Sierra Nevadas, 29; notice of his 'Water Birds of the Pacific District,' 57, 99.

Bittern, American, 94.

Blackbird, Brewer's, 92.

Sonoran Redwinged, 92.

Bluebird, Mountain, 29, 31, 52, 93.

Western, 52, 93.

Bobolink, 73, 93.

Botaurus lentiginosus, 94.

Bowles, J. H., decoy nests of the Western Winter Wren, 72.

Branta bernicla, 90.

Brant, 90.

Breninger, G. F., the passing of Alfonse Forrer, 66; Bobolink at Monterey and Whitethroated Sparrow at Santa Cruz, Cal., 93.

Bubo virginianus saturatus, 79.

virginianus subarcticus, 92.

Buffle-head, 90.

Bunting, Lazuli, 7, 45.

Bush-Tit, 43.

California, 45.

Buteo abbreviatus, 91.

borealis calurus, 44, 67, 91.

CALLIPEPLA gambeli, 91.

Calypte anna, 24, 42, 67.

costæ, 67.

Caracara, Audubon's, 91.

Cardinalis, 16.

Carpodacus mexicanus clementis, 44. mexicanus frontalis, 6, 41, 68, 92. purpureus californicus, 68.

Carriger, H. W., unusual lining of a Red-bel-lied Hawk's nest and Sonoma county notes, 51; elevated nest of the Lutescent Warbler, 72; the Yellow Rail and Saw-Whet Owl in Sonoma county, Cal., 72; notes on the nesting of the Slender-billed Nuthatch, 83; breeding of the Dusky Horned Lark in eastern Washington, 86.

Cathartes aura, 67, 91.

Certhia familiaris occidentalis, 68.

Ceryle alcyon, 92.

Chætura vauxii, 44.

Chamæa fasciata, 79.

Charitouetta albeola, 90.

Chat, Long-tailed, 8, 95.

Chickadee, Chestnut-backed, 84. Oregon, 84.

Chondestes grammacus strigatus, 68, 92.

Chordeiles virginianus henryi, 28.

Chrysomitris forreri, 66.

Chrysotis forreri, 66.

Circus hudsonius, 94.

Cistothorus palustris paludicola, 93.

Cobleigh, Wm. S., obituary notice of, 12.

Coccothraustes vespertinus montanus, 31, 54, 95.

Cohen, D. A., California Clapper Rail in Alameda, Co.Cal, 31; nesting and other habits

of the Oregon Towhee, 61; Macgillivray's perigrinus anatum, 44, 91. Warbler in Alameda county, Cal., 82; sparverius deserticolus, 44, 67, 91. notes from Alameda, Cal., 95; a northern record for the Black-chinned Spar-Finch, House, 6, 24, 29, 41, 81, 92. California Purple, 7. row, 107. Flicker, Red-shafted, 44, 92. Colaptes cafer, 44, 67, 92. Flycatcher, Ash-throated, 7. Columba fasciata, 67. Buff-breasted, 105. Hammond's, 7. Columbigallina passerina pallescens, q1. Olivaceous, 104. Condor, California, 19, 25, 73. Olive-sided, 7. Contopus borealis, 80. Sulphur-bellied, 103, 112. richardsonii, 67. Vermilion, 7, 92. Cooper, a sketch of James G., 1. Western, 7, 42, 82. Cooper Ornithological Club of California, list Forrer, Alphonse, obituary notice of, 66. of members of the, 120. Fulica americana, 91. Coot, American, 91. GAYLORD, H. A., spring migration in the San Cormorant, Baird's, 85. Gabriel valley, 7. Brandt's, 90. Geococcyx californianus, 92. Farallone, 85, 102. Geothylpis trichas occidentalis, 93. Corvus americanus, 68. corax sinuatus, 45, 68, 92. Gnatcatcher, Plumbeous, 93. Cowbird, Dwarf, 92. Godwit, Marbled, 91. Crow, Ringed, 46. Goldfinch, Arkansas, 42. Lawrence's, 42, 92. Crane, Sandhill, 91. Goose, White-cheeked, 81. Creeper, California, 53. Grebe, American Eared, 19. Pied-billed, 90, Crossbill, American, 30, 54. Cuckoo, California, 95. Western, 90. Curlew, Long-billed, 45, 91. Grinnell, J., the Rhinoceros Auklet at Catalina Cyanocitta stelleri, 79. island, 17. stelleri frontalis, 67. Grosbeak, Black-headed, 7, 45, 79. Cyanospiza amœna, 45, 68. Western Blue, 8, 44. Cypseloides niger, 77. Western Evening, 31, 54, 77. DAGGETT, F. S., a record for Los Angeles Guillemot, 90. county, Cal., 51; importance of accuracy in lists, 115; Gray-crowned Leucosticte on Mt. Whitney, Cal., 119. Guiraca cærula lazula, 44. Gull, Heermann's 101. Ivory, 54. Ring-billed, 90. Dendrocygna fulva, 9. Dendroica æstiva, 68. Western, 41, 90, 101. auduboni, 31, 45, 93. Grus mexicana, 91. coronata, 31, 54. HABIA melanocephala, 45. coronata hooveri, 32. occidentalis, 59. Haliæetus leucocephalus, 42. Dolichonyx oryzivorus, 73. Hawfinch, Masked, 46. Dove, Mexican Ground, 73, 91. Hawk, Cooper's, 44, 91. Desert Sparrow, 44, 91. Mourning, 91. Duck, 44, 45. Dryobates scalaris bairdi, 92. Marsh, 94. Duck, Fulvous Tree, 9, 10, 51. Red-bellied, 51. Ruddy, 10. Sharp-shinned, 7, 44, 91. Lesser Scaup, 90. Zone-tailed, 91. Ring-necked, 90. Heleodytes brunneicapillus, 93. EAGLE, Bald, 42. Helminthophila celata sordida, 18, 42. Golden, 22, 50, 79, 91. rubricapilla gutturalis, 60. Editorial, 14, 34, 56, 74, 98, 118. Heron, Black-crowned Night, 9, 91. Emerson, W. O., Dr. James G. Cooper, 1; com-Great Blue, 91, 101. ing of the Mockingbird, 27; fall notes from Haywards, Cal., 28; American Green, 91. Hirundo erythrogaster, 45. Crossbills in Alameda county, Cal., 30; albino Dwarf Hermit Thrush and West-Holmes, F. H., the Old-Squaw and Fulvous crn Robin, 30; winter observations on Anna's Hummingbird, 71. Tree Duck at Alviso, Cal., 51. Hoover, T. J., the gopher snake as a despoiler Emerson, W. Otto, a sketch of, 20. of quails' nests, 75. Empidonax insulicola, 42. Howard, O. W., summer resident warblers of Arizona, 37, 63; some of the summer fly-catchers of Arizona, 103. Ereunetes occidentalis, 91. Falco cooperi, 2.

Hummingbird, Anna's, 28, 42, 71. Allen's, 18, 42, 71. Black-chinned, 7, 92. Costa's, 7. Rufous, 7. Hylocichla aonalaschkæ, 45, 54. aonalaschkæ auduboni, 21. ustulata œdica, 29. IBIS, White-faced Glossy, 9. Icterus bullocki, 45. cucullatus nelsoni, 68. JAY, Santa Cruz, 6, 42, 43, 79, 86. Jewett, F. B., nesting observations on the Black Phœbe, 13. Johnson, A. W., an account of the taking of four sets of eggs of the Ivory Gull, 54. Johnson, H. C., nesting of Wilson's Snipe in Utah, 26; a successful day with the Duck Hawks, 45; ravens nesting on a railroad bridge, 71. Junco caniceps, 81. hyemalis, 52, 73, 81, 95. hyemalis oregonus, 45, 79, 80, 81, 93. hyemalis pinosus, 81. hyemalis thurberi, 68, 80, 81. Junco, Oregon, 45, 93. Slate-colored, 52, 81. Thurber's, 7, 8. KAEDING, H. B., the genus Junco in California, 79. Killdeer, 91. Kingbird, Arkansas, 7, 45. Cassin's, 7. Kingfisher, Belted, 7, 8, 46, 92. Kinglet, Ruby-crowned, 7, 52, 54, 93. Western Golden-crowned, 28, 52. Kite, Black, 46. Kobbe, W. H., observations on the nesting of Parus rufescens in Washington, 84. LANIUS ludovicianus anthonyi, 42, 79. ludovicianus excubitorides, 93. Lark, Horned, 85. Desert Horned, 92. Dusky Horned, 86. Island Horned, 41. Larus delawarensis, 90. eburneus, 54. occidentalis, 50. Leland, H. J., nesting of the Western Flycatcher in San Gabriel Canon, 82. Leucosticte, Gray-crowned, 119. Limosa fedoa, 91. Linton, C. B., observations on the American Raven in Southern California, 68. Littlejohn, C., three records for San Mateo Co., Cal., 73. Loon, Pacific, 19. Lophortyx californica vallicola, 67. Loxia curvirostra minor, 51, 54. Lusk, R. D., nesting of the Sulphur-bellied Flycatcher, 112, MAGPIE, 46. Black-billed, 29. Yellow-billed, 29.

Mailliard, J., spring notes on the birds of Santa Cruz island, California, April, 1898, 41; notes from Marin and San Benito counties, Cal., 53. Mallard, 90. Martin, Western, 81. McCormick, A. I., breeding habits of the Least Tern in Los Angeles Co., Cal., 49. McGregor, R. C., a new race of the Brown Towhee, 11; protective coloration, 16; the Myrtle Warbler in California and description of a new race, 31; description of a new California song sparrow, 35; Eastern Junco and White-throated Sparrow in California, 52; some summer birds of Palamar Mts. from the notes of J. Maurice Hatch, 67; "circumstances alter cases," 69; notes on California song sparrows, 87; a plea for the general use of scientific names, 114. McLain, R. B., notice of his 'Contributions to North American Herpetology,' 56; a protest, 99. Meadowlark, Western, 45, 92. Megascops asio bendirei, 92. asio trichopsis, 92. Melanerpes formicivorus bairdi, 67. torquatus, 29, 53. uropygialis, 92. Melospiza fasciata fallax, 93. fasciata graminea, 44, 86. fasciata ingersolli, 35. fasciata montana, 28. lincolni, 45. melodia clementæ, 88. melodia cleonensis, 87. melodia gouldii, 87. melodia ingersolli, 88. melodia pusillula, 87. melodia samuelis, 87. Milvus ater, 46. Mimus polyglottos, 27, 42, 93. Mockingbird, 17, 27, 42, 93. Molothrus ater obscurus, 92. Myiarchus cinerascens, 67. Murrelet, Xantus, 102. NELSON, E. W., notice of his 'Natural History of the Tres Marias Islands, Mexico,' 115. Nighthawk, Texan, 7. Western, 28. Northern Division, official minutes of, 15, 58, 76, 100, 119. Numenius longirostris, 91. Nuthatch, Red-breasted, 28, 52, 53. Slender-billed, 52, 83. Nycticorax nycticorax nævius, 91. OIDEMIA deglandi, 90. Old-Squaw, 51. Oreortyx pictus, 79. pictus plumiferus, 67, 80. Oriole, Arizona Hooded, 7. Bullock's, 7, 29, 45.

Oroscoptes montanus, 93.

and its Subspecies,' 74.

Osgood, W. H., notice of his 'Chamæa fasciate

```
Otocoris alpestris arenicola, 92.
                                                     Ray, M, S., winter birds of Shanghai, 46; pe-
      alpestris chrysolæma, 67.
                                                            culiar eggs of California Shrike and
      alpestris insularis, 41.
                                                            other notes, 53.
      alpestris merrilli, 86.
                                                     Redhead, 9, 10.
Ouzel, Water, 23.
                                                     Redington, A. P., the condor in Santa Barbara
Owl, Burrowing, 92.
                                                            county, 19; taking of a condor's egg, 75.
      Mexican Screech, 92.
                                                     Redtail, Western, 21, 22, 44, 91.
      Saw-Whet, 72.
Short-eared, 92.
                                                     Redstart, Painted, 65.
                                                     Regulus calendula, 54, 93.
      Western Horned, 21, 22, 36, 92.
                                                            satrapa olivaceus, 28.
Oystercatcher, Black, 85.
                                                     Rising, H. G., capture of a California Condor,
Partridge, California, 61.
Gambel's, 91.
                                                            25.
                                                     Roadrunner, 92.
      Plumed, 60.
      Valley, 73.
                                                     Robertson, H., nesting of Belding's Sparrow.
                                                            73; nesting notes from Los Angeles,
Parus atricapillus occidentalis, 84.
      gambeli, 68.
                                                            Cal., 94.
      inornatus, 68.
                                                     Robin, Western, 7, 30, 52.
      rufescens, 84.
                                                     Rothschild, L. W. and E. Hartert, notice of their 'A Review of the Ornithology of the
Passer montanus, 46.
                                                            Galapagos Islands,' 116.
Passerella iliaca megarhyncha, 80.
      iliaca unalaschcensis, 28.
                                                     SALPINCTES obsoletus, 4, 93.
                                                     Sandpiper, Baird's, 91.
Western, 91.
Pelecanus erythrorhynchos, 90.
Pelican, American White, 90.
      Brown, 101.
                                                     Sapsucker, Redbreasted, 7, 28, 54.
Petrel, Black, 102.
                                                            Red-naped, 7.
      Leache's, 73,
                                                     Sayornis nigricans, 45, 92.
Petrochelidon lunifrons, 68.
                                                            saya, 92.
Pewee, Western Wood, 8.
                                                     Scolecophagus cyanocephalus, 68, 92.
Phainopepla nitens, 68, 93.
                                                     Scoter, White-winged, co.
Phainopepla, 8.
                                                     Selasphorus alleni, 42.
Phalacrocorax penicillatus, 90.
                                                     Shearwater, Black-vented, 102.
Phalænoptilus nuttalli nitidus, e2.
                                                     Shields, A. M., nesting of the Fulvous Tree
Phœbe, Black, 13, 45, 92.
                                                            Duck, 9.
                                                     Shoveller, 90.
      Say's, 7, 92.
Pica caudata, 46.
                                                     Shrike, California, 29.
Pigeon, Band-tailed, 7, 57.
                                                            Island, 42.
                                                            White-rumped, 93.
Piranga ludoviciana, 68.
Pipilo aberti, 93.
                                                     Sialia arctica, 29, 52, 93.
      fuscus carolæ, 11.
                                                            mexicana occidentalis, 68, 93.
                                                     Sitta canadensis, 53, 28, 95.
       fuscus crissalis, 11, 61.
      maculatus megalonyx, 47, 68, 86.
                                                            carolinensis aculeata, 68.
      maculatus oregonus, 42, 61.
                                                     Slevin, T. E., early bird arrivals for 1899, 29;
Violet-green Swallow in Marin county;
Pipit, American, 7, 53, 93, 95.
Podilymbus podiceps, 90.
                                                            two unrecorded captures, 73.
Polioptila plumbea, 93.
                                                     Snipe, Wilson's, 26.
                                                     Southern Division, official minutes of, 15, 36,
Polyborus cheriway, 91.
                                                            58, 76, 100, 119.
Poocætes gramineus affinis, 30.
                                                     Sparrow, Belding's. 73.
Black-chinned, 7, 8, 107.
      gramineus confinis, 92.
Poor-will, 92.
                                                            Brewer's, 93.
Porzana coturniculus, 99.
                                                            Desert Song, 93.
Price, W. W., some winter birds of the lower
                                                            English, 53.
       Colorado Valley, 89.
                                                            Fox, 17.
Psaltriparus minimus californicus, 45.
                                                            Golden-crowned, 7, 8, 45.
                                                            Gray Sage, 93.
Pseudogryphus californianus, 67.
                                                            Intermediate, 6, 8, 41, 89, 92.
Publications received, 36, 58, 76, 100.
                                                            Lincoln's, 7, 8, 45.
Pyrocephalus rubineus mexicanus, 92.
                                                            Mendocino Song, 87.
                                                            Mountain Song, 28.
Pyrrhuloxia, 16.
                                                            Oregon Vesper, 30.
RAIL, California Clapper, 31.
                                                            Rufous-crowned, 77.
       Yellow, 72.
                                                            Santa Barbara Song, 44.
Raven, American, 45, 68, 71, 92.
White-necked, 92.
                                                            St. Lucas, 92.
                                                            Tehama Song, 35.
```

```
Thick-billed, 54.
                                                     URIA, 90.
      Townsend's, 28.
                                                     VERDIN, 93.
      Tree, 46.
                                                     Vireo flavoviridis forreri, 66.
      Western Chipping, 42, 43, 93.
                                                            gilvus, 68.
      Western Lark, 92.
                                                            huttoni, 44.
      Western Savanna, 92.
                                                     Vireo, Cassin's, 7, 8.
      Western Vesper, 92.
                                                            Warbling, 7.
      White-throated, 52, 93.
                                                     Vulture, California, 88.
Spatula clypeata, 90.
                                                            Turkey, 22, 91.
Speotyto cunicularia hypogæa, 92.
                                                     WARBLER, Audubon's, 8, 17, 29, 39, 45, 64, 81,
Spinus lawrencei, 42, 45, 92.
      psaltria, 42, 45.
                                                            Black-throated Gray, 7, 8, 64, 96.
      psaltria arizonæ, 73.
                                                            Calaveras, 7, 8, 60.
Spizella atrigularis, 107.
                                                            Dusky, 17, 42, 43, 86.
      breweri, 93, 94.
                                                            Grace's, 39.
      socialis arizonæ, 42, 68, 93.
                                                            Hermit, 8, 48, 59, 77.
                                                            Hoover's, 32.
Sphyrapicus ruber, 28, 54.
                                                            Lucy's, 37.
Stephens, F., lassoing a California Vulture, 88.
                                                            Lutescent, 7, 8, 72.
Sterna fosteri, 90.
                                                            Macgillivray's, 7, 81, 82.
Sturnella magna neglecta, 45, 68, 92.
                                                            Myrtle, 31, 54.
Swallow, Barn, 45.
                                                            Olive, 37.
                                                            Pileolated, 7, 96.
      Cliff, 7.
Tree, 52.
                                                            Red-faced, 65.
                                                            Sonora Yellow, 39.
      Violet-green, 7, 8, 29, 73.
                                                            Townsend's, 8.
Swarth, H. S., two albinos from Los Angeles,
                                                            Virginia's, 63.
       Cal., 6; Black Oystercatcher on Anacapa
                                                            Yellow, 7, 81.
       Islands, 85; notes from Los Angeles,
                                                      Waxwing, Cedar, 7.
      Cal., 94.
Swift, Black, 94.
Vaux, 44.
                                                      Welch, J. M., the Phainopepla in Calaveras
                                                            county, 8; notes on Lewis' Woodpecker,
                                                            29; echoes from an outing, 108.
       White-throated, 43.
                                                      Widgeon, 90.
Symphemia semipalmata inornata, 91.
                                                      Willard, J. M., nesting of the Water Ouzel, 23;
Oregon Vesper Sparrow in Alameda
TACHYCINETA thalassina, 29, 68.
Tanager, Louisiana, 8.
                                                            county, 30.
Taylor, H. R., the individuality of eggs, 99.
                                                      Willet, Western, 91.
Teal, Green-winged, 90.
                                                      Woodpecker, Baird's, 92.
Tern, Least, 49.
                                                            California, 7.
       Royal, 102.
                                                            Gila, 92.
                                                            Lewis', 7, 29, 53.
Thrasher, California, 95.
                                                            Pileated, 48.
       Le Conte's 36.
                                                      Wren, Baird's, 93.
       Sage, 93.
                                                            Cactus, 93.
Dotted Canon, 77.
Thrush, Audubon's Hermit, 94.
       Dwarf Hermit, 8, 30, 45, 52, 54.
                                                            Parkman's, 53.
       Russet-backed, 7, 52, 96.
                                                            Rock, 41, 93.
       Varied, 52.
                                                            Tule, 53, 93.
Vigor's, 17, 42, 43, 53.
Western Winter, 53, 72, 95.
Thryomanes bewickii spilurus, 42, 43.
Thryothorus bewickii leucogaster, 93.
                                                      YELLOWTHROAT, Western, 7, 93, 96.
Titmouse, Plain, 53.
Towhee, Abert's, 89, 93.
California Brown, 61, 81.
                                                      ZAMELODIA melanocephala, 68.
                                                      Zenaidura macroura, 67, 91.
       Green-tailed, 7, 8.
                                                      Zonotrichia albicollis, 52.
       Northern Brown, 11.
                                                             coronata, 45.
                                                             leucophrys, 80, 94.
       Oregon, 42, 61.
                                                             leucophrys intermedia, 6, 41, 92, 95.
Tringa bairdi, 91.
Trochilus alexandri, 92.
       violajugulum, 99.
Troglodytes ædon aztecus, 68.
       hiemalis pacificus, 72.
 Turnstone, Common, 94.
```

Turdus aonalaschkæ, 81. chinensis, 46. sequoiensis, 21. Tyrannus verticalis, 45.